

# PowerConnections

## Fast Fit Converter Plug (FCP) Technical Data & Fitting Instructions

### Description

The 2 Pin European VDE Converter Plug (FCP) is an adapter that converts the European CEE VII VDE (EN 50075) plug to the BS 1363 system format. The plug is designed and manufactured to meet the requirements of BS 1363-5. It complies fully with the LDV and Plug and Socket safety regulations. The design of the retention method ensures the body of the European CEE VII plug is enclosed.

### Classification

- Adapter, Single portable,
- Non-reusable plug,
- Fused,
- Normal use,
- Converts European CEE VII plug to the BS 1363-5 format.
- Suitable for Class 2 devices (unearthed) only.
- Not Suitable for any other plug system.

### Certification - BSi Kitemark to BS 1363-5

**Relevant Standards** – BS 1363-5 13 A plugs, socket-outlets, adaptors and connections units – Part 5: Specification for fused conversion plugs.

BS 1363 — Plug Features

BS 1362 — Fuse link

### Rating

- |                            |                                      |
|----------------------------|--------------------------------------|
| - Voltage                  | 250V ac                              |
| - Current                  | 8 amps continuous                    |
| - Load                     | 2000 watts max.                      |
| - Frequency                | 50 Hz                                |
| - Environmental Protection | IP 3X (STD BS1363 accessory rating). |
| - Fuse                     | 3, 5, or 10 amp BS 1362.             |
| - Flammability             | V2 (external Casing)                 |
| - Mechanical Strength      | 1000 grams @ 500mm                   |
| - Colour                   | Black, White                         |
| - Weight                   | 40 grams typical                     |
| - Finish                   | Plain and fine sparkle               |

Note: - Tolerance as per relevant British Standard

### Safety Design Features

- External fuse access
- Non opening device
- Single use
- No screws
- No loose parts
- Plug features designed to meet the requirements of BS1363.
- Meets the requirements of the DTI Plug and Socket regulations.

### Installation System

The Fast Fit Converter Plug (FCP) is designed for use within the BS1363 Plug and Socket system only, as defined by the IEE Wiring Regulations BS 7671

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## Fitting

The Fast Fit Converter Plug (FCP) should be fitted as follows:

1. Insert the VDE Plug into the FCP Conversion plug.
2. Push until a positive click is felt
3. TEST: Grip the FCP and pull the VDE cordset to ensure fully secure, if not then repeat 2 above and Re-test
4. Now the FCP is ready for use.

## Service Conditions

- Temperature Range
  - Storage -40 °C to +80 °C Ambient
  - Working -05 °C to +35 °C 95% RH Ambient
- Altitude 2000m above sea level max.
- Not subject to exposure to direct radiation from the sun
- Abnormal Condition - Avoid pollution by smoke, chemical and flammable fumes salt laden spray, periods of high humidity > 95% relative humidity (RH)

